

Abstract

A vibration isolation system for building, comprising a vibration isolation layer, the vibration isolation layer including: an upper layer structure consisted of upper beams and/or slabs and moveable bases, which is coupled to columns of the building; a lower layer structure consisted of lower beams and/or slabs and fixed bases; and vibration isolation devices and elastic member horizon-resetting devices which are mounted between the upper layer structure and the lower layer structure, in which the vibration isolation devices are mounted between the moveable bases and the fixed bases, respectively, and the elastic member horizon-resetting devices are mounted between the beams and/or slabs of the upper layer structure and the lower layer structure, respectively. Therefore, the above devices do not interfere with each other and convenient to maintain, and positions and functional parameters thereof can be set and selected reasonably.